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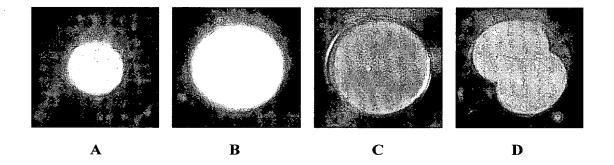


FIGURE 1

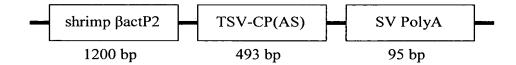


FIGURE 2

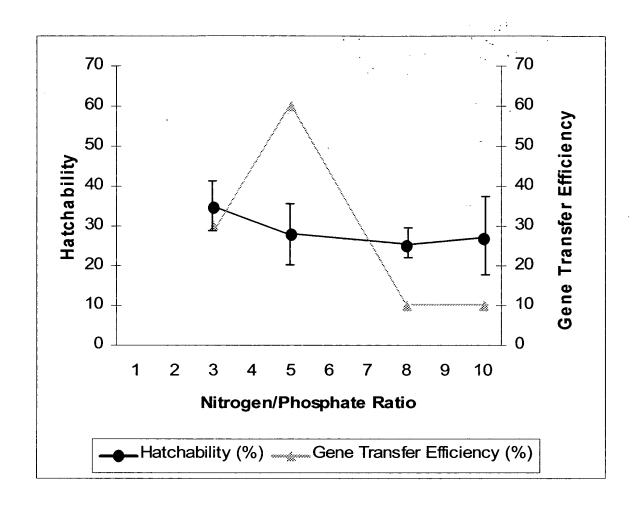


FIGURE 3

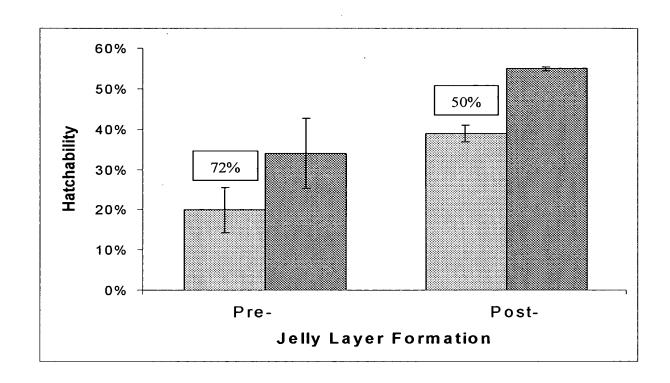


FIGURE 4

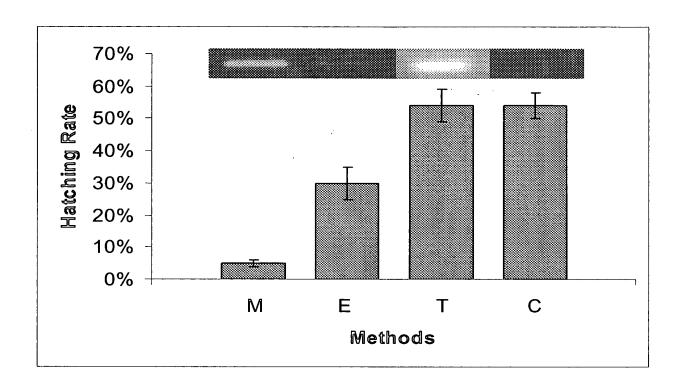
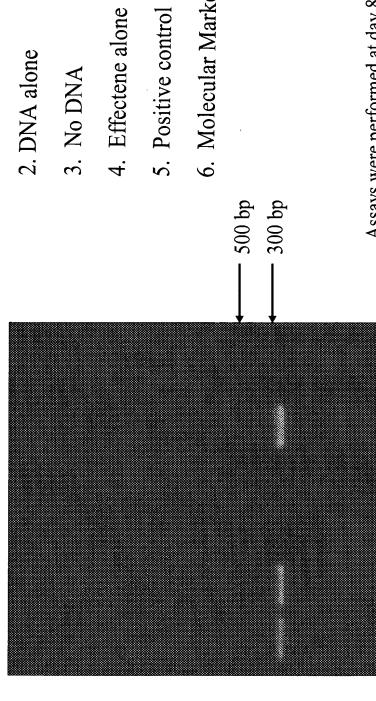


FIGURE 5

Detection of TSV-CP Expression via RT-PCR





1. Effectene + DNA

5. Positive control

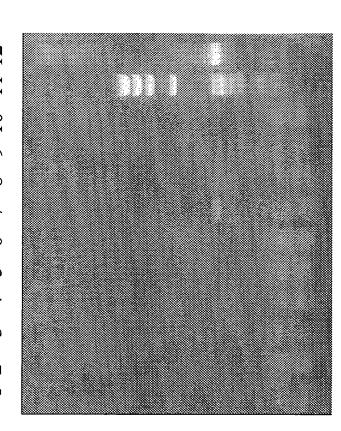
6. Molecular Marker

Assays were performed at day 8 after hatching

FIGURE 6

Expression of TSV-CP

1 2 3 4 5 6 7 8 9 10 11 12



1 Control

- 2 Superfect/DNA exposure @ 4-10 min. p-sp
- 3 Superfect/DNA exposure @ 11-16 min. p-sp
- 4 Superfect/DNA exposure @ 17-22 min. p-sp
- 5 Lipofectamine2000/DNA @ 4-16 min. p-sp
- 6 Lipofectamine2000/DNA @ 17-22 min. p-sp
- 7 DNA alone

@ 4-10 min. p-sp

8 DNA alone

(a) 11-16 min. p-sp (a) 17-22 min. p-sp

9 DNA alone

10 DNA alone

@ 24 min. p-sp

- 11 MWM
- 12 TSV-CP (AS)

FIGURE 7